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P.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: **Jon A. Wolff,**)
Sean D. Monahan, James E. Hagstrom,)
Paul M. Slattum, Vladimir G. Budker,)
and David B. Rozema)

Serial No.: **09/312,351**)

Filed: **5/14/99**)

Group Art Unit: **1632**)

Examiner: **Peter Brunovskis**

For: **A Compound Containing a Labile Disulfide Bond**

AMENDMENT UNDER 37 C.F.R. §1.111

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

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Dear Sir:

In response to the Office Action dated September 20, 2000:

In the Claims:

Applicants hereby submit a version with markings to show changes made:

Please amend claims 7, 8, 12, and 18 as follows:

- 7) (Amended) [A compound for inserting into an organism, comprising: the compound having a disulfide bond that is labile under physiologic conditions selected from the group consisting of (a) a disulfide bond that is cleaved more rapidly than oxidized glutathione and (b) a disulfide bond constructed from thiols in which one of the constituent thiols has a lower pKa than glutathione and (c) a disulfide bond that is activated by intramolecular attack from a free thiol thereby forming two molecules.]